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ABSTRACT

Findings of the 1980-81 Enrollment Survey for the Professional Degree Programs in schools of pharmacy are presented, based on responses from 72 schools of pharmacy. Information is presented on: fall 1981 full-time enrollments in professional degree programs (final 3 years); fall 1981 full-time enrollments (final 3 years) contrasted with comparable fall 1980 enrollments; fall 1981 enrollments (full-time students) in other than final 3 years of the curriculum; full-time enrollments of students studying for the Doctor of Pharmacy (Pharm.D.) degree as their first professional degree; Pharm.D. enrollments of students already holding a Bachelor of Science (B.S.) degree in pharmacy; previous pharmacy degree characteristics of Pharm.D. students; minority students' full-time enrollment (final 3 years); full-time minority enrollments by class at predominantly minority and predominantly nonminority colleges; enrollment in Pharm.D. programs of minority students already holding a B.S. degree in pharmacy; part-time enrollments (final 3 years); special student enrollments; geographic origin of full-time students (final 3 years); enrollment of American full-time students in each state by state of residence; and country of origin of foreign full-time students (final 3 years). In 1981, 20,468 students were enrolled in pharmacy schools, which is a decline of 7.3 percent since 1980. In 1981, there was a 10.0 percent increase of students in Pharm.D. programs, while the number of students seeking a Pharm.D. degree with a previous B.S. in pharmacy increased 13.1 percent since 1980 and 62.0 percent since 1975. Full-time students increased by 17.2 percent since 1980 and the number of part-time students declined by 7.5 percent since 1980. A list of U.S. colleges of pharmacy by state with information on the degrees awarded is appended. (SW)

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AMERICAN ASSOCIATION OF COLLEGES OF PHARMACY

ENROLLMENT REPORT ON PROFESSIONAL

DEGREE PROGRAMS IN PHARMACY, FALL 1981

By

Steven H. Chasin
Director of Research

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HE015 359

ENROLLMENT REPORT ON PROFESSIONAL DEGREE PROGRAMS IN PHARMACY, FALL 1981

Introduction

The following report highlights the findings of the 1980-81 Enrollment Survey for the Professional Degree Programs in the schools of pharmacy. The report is based on a survey that was conducted by the American Association of Colleges of Pharmacy in fall 1981. All 72 schools of pharmacy responded to the survey, thereby providing a complete picture of the number of students currently enrolled. These and other statistics discussed in this report are generally based on enrollments in the final three years in the 72 accredited pharmacy schools. There are exceptions however, when inclusion of other years is appropriate.[1] By comparing the 1981 enrollment figure to both the 1980 and 1975 enrollment figures, two objectives are achieved. First, a short term comparison can be seen by looking at the previous year. Second, the longer range policy implications can also be identified by comparing the enrollment figures of 1981 to 1975, which was the peak year for enrollment.

In 1981, 20,468 students (Table I) were enrolled in pharmacy schools, which is a decline of 7.3% since 1980. This means that 16.2% fewer students were being educated in pharmacy schools in 1981 compared to the peak year of 1975.

By examining the individual classes (Table I) future trends are identified. Table I depicts the enrollment figures of the last year, second to the last and third to the last year by school for 1981. Comparing the 1981 to 1980 and 1975 information shows that all three classes have experienced a decline since 1980 and 1975. Since 1980, the average decline for the 3 classes has been 8.2%, and since 1975, it has been 16.8%.

Pharm.D. Programs

Table IV depicts the full-time enrollment of students studying for the Doctor of Pharmacy (Pharm.D.) degree as the first professional degree. The numbers indicate that, in 1981, there has been a 10.0% increase of students in Pharm.D. programs. Two reasons explain the increase. First, a number of schools have increases in

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[1] All schools generally conform with regard to the total length of the pharmacy curriculum: five academic years for the Bachelors Degree and six academic years for the Pharm.D. However, some schools require two years pre-professional college study (2-3 or 2-4 programs), while others require one (1-4 programs), or none (0-5 programs). Thus the only years in the professional program common to all schools are the final three.

their enrollment. These are: the University of the Pacific, University of Nebraska, Purdue University, University of Maryland and the University of Michigan. Second, three additional schools reported offering a Pharm.D. as the first degree this year, thus increasing the total number to twelve schools. These additional schools are: Mercer University (108 students), University of Minnesota (53 students) and the University of North Carolina (4 students). The twelve schools double the number of institutions that are offering a Pharm.D. as the first degree since 1975. In 1975, six schools offered the Pharm.D. degree with a total enrollment of 1,476 students. Since then, the total number of students has increased by 28.5%.

The number of students seeking a Pharm.D. degree with a previous bachelors degree in pharmacy (Table V) has increased 13.1% since 1980 and 62.0% since 1975. These data are broken out into full-time, part-time and special students. Full-time students have increased by 17.2% since 1980 and 92.7% since 1975. There are now fewer part-time and special students seeking a Pharm.D. degree with a previous pharmacy degree. Since 1980 and 1975, the number of part-time students has declined by 7.5% and 27.4% respectively. The number of special students has declined to 12 in 1981.

Female Enrollment

The total number of females has dipped since 1981, but women as a percentage of total enrollment is still increasing. In 1980, 10,254 women represented 46.4% of the total enrollment. In 1981, the total number of female students dropped to 9,941 but now these women represent 48.5% of all students. The slight drop in the total number of women is small given the 22.5% overall increase since 1975.

Within this overall decline of 2.1%, the data indicate that women seeking the Pharm.D., as the first degree, have increased by 18.6% since 1980 and a remarkable 98.5% since 1975. Likewise, more women with a previous bachelors degree in pharmacy are seeking a Pharm.D. degree on a full-time basis. The data show an 18.1% rise since last year and a 241.2% jump since 1975.

Minority and Foreign Enrollments

There are two ways to examine minority enrollments. The first method consists of analyzing a specific minority enrollment as a percentage of total minority enrollments. In this category, Asian Americans lead the field with 27.9% of the minority enrollment. Following them, Black Americans consist of 25.0% of the minority enrollment with Hispanics at 21.1%. American Indians consist of 1.0% of all minority enrollment. Comparing the percentage of minority enrollment to 1980 shows that slight increases occurred for: Blacks (0.4%); American Indians (0.1%); and Asian Americans (0.9%). Hispanics experienced a decrease of 3.2%.

Since 1975, Black Americans, American Indians and Asian Americans have remained a relatively stable portion of the minority students. Again, Hispanics are declining as a percentage of the minority enrollment.

The second way of looking at minority enrollments is to examine the percentage of a specific minority as part of total enrollment. Blacks have maintained a relatively consistent position since 1980, consisting of 4.5% of total enrollment in 1981 and

4.2% in 1980. In 1975, Blacks were 3.7% of all students. Hispancis consist of 3.8% of total enrollments for 1975, increased to 4.2% in 1980, and then dropped back to 3.8% in 1981. American Indians increased to 0.18% of total enrollment in 1981 from the stable figure of 0.14% in both 1980 and 1975.

The foreign student population shows a rocky trend: 4.2% in 1981, 3.7% in 1980 and 4.1% in 1975.

Geographic Distribution

The percentage of students attending schools in their own state reveals a small but continuous decline (Table XII): 80.5% in 1975, 79.8% in 1980 and 79.5% in 1981.

The percentage of students attending schools outside of their own state declined from 16.4% in 1980 to 16.0% in 1981 an increase from 1975. Students attending schools in Canada have increased slightly to 0.24% in 1981 from 0.22% in 1980 and 0.07% in 1975 (Table XII).

Table XII also shows that the six schools which retained the largest number of students from their state are: St. John's University (642 students), University of Illinois (535 students), University of North Carolina (474 students), Arnold and Marie Schwartz College of Pharmacy (420 students), University of the Pacific (408 students) and the University of Southern California (406 students). It is interesting to note that two of the six are public institutions (University of Illinois and University of North Carolina) while the remaining four are private institutions (University of the Pacific, University of Southern California, St. John's University and Arnold and Marie Schwartz College of Pharmacy). The six schools which have the most students from out-of-state are: Massachusetts College of Pharmacy (296 students), Philadelphia College of Pharmacy (200 students), St. Louis College of Pharmacy (192 students), University of Rhode Island (418 students), Drake University (132 students) and Mercer University (123 students). Five of the six schools are private institutions (Massachusetts College of Pharmacy, St. Louis College of Pharmacy, Drake University, Mercer University and Philadelphia College of Pharmacy).

Enrollment by NABP/AACP Districts

Table XV represents the full-time enrollments in the final three years distributed by NABP/AACP districts. The data indicate that seven of the eight districts experienced declines ranging from 1.9% to 17.2%. This results in an average decline per district of 7.3%. Only District III experienced a slight increase (1.4%) over the previous year. Specifically, District I experienced a 5.0% decline; District II a 1.9% decline; District IV a 6.3% decline; District V a 17.22% decline; District VI an 8.9% decline; District VII an 11.1% decline and District VIII a 5.0% decline.

The Trend Since 1975

Reviewing the 1981 data in relation to the 1975 enrollment data points to noticable trends. Most importantly, total enrollment is down by 16.2% in pharmacy schools.

Also, the number of full-time students seeking the enrollment and the Pharm.D. as the first degree has risen by 28.5%. This is due to increases in enrollment and the doubling of the number of schools offering the Doctor of Pharmacy degree as a first professional degree. The total number of full-time students seeking a Pharm.D. as a second pharmacy degree has increased by 92.7% since 1975. Finally, women continue to gain as a percentage of the student body. In 1975, women were one-third of all students in pharmacy schools while in 1981 they rose to 48.5% of all students. In total numbers, females seeking the Pharm.D. as the first professional degree have increased by 98.5% since 1975 and those seeking a Pharm.D. as a second degree have increased 241.2% during the same period.

First professional degree enrollments show a continuing decline in the number of students in the last year, 2nd to the last and 3rd to the last, meaning that at least for the next 3 years, a continued decline in total enrollments can be anticipated.

A special note of appreciation is extended to Ms. Patricia Cillay for her dedication and effort in preparing this report.

INDEX OF TABLES

Table		Page
I	Fall 1981 Full-Time Enrollments in Professional Degree Programs (Final Three Years)	6
II	Fall 1981 Full-Time Enrollments (Final Three Years) Contrasted with Comparable Fall 1980 Enrollments	8
III	Fall 1981 Enrollments (Full-Time Students) in Other than Final Three Years of the Curriculum	10
IV	Fall 1981 Full-Time Enrollments of Students Studying for the Pharm.D. as Their First Professional Degree	11
V	Fall 1981 Pharm.D. Enrollments of Students Already Holding a B.S. in Pharmacy	12
VI	Previous Pharmacy Degree Characteristics of Pharm.D. Students	13
VII	Fall 1981 Minority Student Full-Time Enrollment (Final Three Years)	14
VIII	Fall 1981 Full-Time Minority Enrollments by Class at Predominantly Minority and Predominantly Non-Minority Colleges	16
IX	Fall 1981 Enrollments in Pharm.D. Programs of Minority Students Already Holding a B.S. Degree in Pharmacy	17
X	Fall 1981 Part-Time Enrollments (Final Three Years)	18
XI	Fall 1981 Special Student Enrollments	19
XII	Fall 1981 Geographic Origin of Full-Time Students (Final Three Years)	20
XIII	Fall 1981 Enrollment of American Full-Time Students in Each State by State of Residence	22
XIV	Country of Origin of Foreign Full-Time Students (Final Three Years)	27
XV	Enrollments by NABP/AACP Districts	28

Table I: Fall 1981 Full-Time Enrollments in Professional Degree Programs (Final Three Years) [a]

Colleges by State	Last Year M	Last Year F	2nd Last M	2nd Last F	3rd Last M	3rd Last F	Total by Sex M	Total by Sex F	Total
Auburn U.	33	51	66	80	37	36	136	167	303
Samford U.	20	15	34	21	46	33	100	69	169
Arizona, U. of	23	31	24	20	23	30	70	81	151
Arkansas Medical Center, U.of	35	23	32	33	36	41	103	97	200
California, U. of	(43)	(51)	(65)	(50)	(52)	(68)	(160)	(169)	(329)
Pacific, U. of the [b]	31	13	20	10	17	21	68	44	112
	(61)	(47)	(64)	(55)	(62)	(79)	(187)	(181)	(368)
Southern California, U. of	(77)	(61)	(78)	(68)	(72)	(80)	(227)	(209)	(436)
Colorado, U. of	35	32	45	28	32	27	112	87	199
Connecticut, U. of	50	38	39	51	39	58	128	147	275
Howard U.	7	2	10	12	13	15	30	29	59
Florida A&M U.	15	32	7	16	30	37	52	85	137
Florida, U. of	61	46	65	52	58	66	184	164	348
Mercer U.	70	43	65	51	0	0	135	94	229
Georgia, U. of	56	48	81	60	66	68	203	176	379
Idaho State U.	51	17	24	15	21	8	96	40	136
Illinois, U. of	112	85	81	87	77	96	270	268	538
Butler U.	31	47	24	38	29	45	84	130	214
Purdue U.	70	63	47	82	53	96	170	241	411
	(0)	(0)	(4)	(14)	(7)	(18)	(11)	(32)	(43)
Drake U.	32	39	29	54	21	38	82	131	213
Iowa, U. of	38	34	40	30	33	40	111	104	215
Kansas, U. of	38	38	46	45	35	38	119	121	240
Kentucky, U. of	22	28	34	46	46	47	102	121	223
	(5)	(8)	(5)	(10)	(0)	(0)	(10)	(18)	(28)
Northeast Louisiana U.	34	26	86	55	73	70	193	151	344
Xavier U. of Louisiana	32	28	21	23	33	35	86	86	172
Maryland, U. of	41	43	46	44	46	44	133	131	264
	(2)	(2)	(0)	(3)	(0)	(0)	(2)	(5)	(7)
Massachusetts College of Pharm.	166	109	98	87	103	107	367	303	670
Northeastern U.	68	39	52	36	60	37	180	112	292
Ferris State College	67	51	78	53	93	52	238	156	394
Michigan, U. of	27	25	12	28	1	7	40	60	100
	(0)	(0)	(6)	(16)	(12)	(22)	(18)	(38)	(56)
Wayne State U.	51	39	42	35	50	43	143	117	260
Minnesota, U. of	36	30	41	43	22	17	99	90	189
	(0)	(1)	(6)	(4)	(0)	(0)	(6)	(5)	(11)
Mississippi, U. of	45	40	46	42	73	54	164	136	300
St. Louis College of Pharmacy	82	60	67	64	67	52	216	176	392
Missouri-Kansas City, U. of	40	34	40	37	51	34	131	105	236
Montana, U. of	14	16	18	20	23	19	55	55	110

Creighton U.	27	19	35	28	38	35	100	87	182
	(0)	(0)	(2)	(3)	(1)	(2)	(3)	(5)	(8)
Nebraska, U. of	(32)	(29)	(39)	(27)	(0)	(0)	(71)	(56)	(127)
Rutgers U.	64	74	57	59	58	82	179	215	394
New Mexico, U. of	39	21	18	19	20	14	77	54	131
Arnold & Marie Schwartz, LIU	110	56	114	71	119	74	343	201	544
St. John's U.	147	94	163	106	168	120	478	320	798
State U. of New York at Buffalo	51	42	44	38	49	47	144	127	271
Albany College of Pharmacy	48	62	52	56	63	54	163	172	335
North Carolina, U. of	73	92	66	89	67	108	206	289	495
	(0)	(0)	(1)	(3)	(0)	(0)	(1)	(3)	(4)
North Dakota State U.	36	27	36	28	41	29	113	84	197
Ohio Northern U.	79	81	57	71	53	67	189	219	408
Ohio State U.	44	44	54	55	66	63	164	162	326
Cincinnati, U. of	43	21	38	25	39	36	120	82	202
Toledo, U. of	42	35	44	34	39	32	125	101	226
Southwestern Oklahoma State U.	54	60	41	33	77	44	172	137	309
Oklahoma, U. of	44	21	33	19	34	35	111	75	186
Oregon State U.	57	38	49	47	45	39	151	124	275
Duquesne U.	61	70	48	79	52	57	161	206	367
Philadelphia College of Pharmacy	98	77	91	92	112	83	301	252	553
Temple U.	88	46	75	66	78	49	241	161	402
Pittsburgh, U. of	51	40	34	51	38	58	123	149	272
Rhode Island, U. of	47	33	40	51	30	44	117	128	245
Medical U. of South Carolina	22	32	21	15	20	19	63	66	129
South Carolina, U. of	44	38	44	29	21	26	109	93	202
South Dakota State U.	13	13	18	8	21	20	52	41	93
Tennessee, U. of	43	55	36	50	41	43	120	148	268
Texas Southern U.	38	18	47	20	45	28	130	66	196
Houston, U. of	58	46	76	68	44	51	178	165	343
Texas at Austin, U. of	41	71	51	87	81	78	173	236	409
Utah, U. of	35	10	28	23	35	12	90	45	143
Virginia Commonwealth U.	37	47	41	52	34	65	112	164	276
Washington, U. of	34	32	38	32	22	39	94	103	197
Washington State U.	23	26	34	22	34	31	91	79	170
West Virginia U.	26	41	32	28	29	40	87	109	196
Wisconsin-Madison, U. of	79	55	62	59	76	65	217	179	396
Wyoming, U. of	25	15	20	16	16	13	61	44	105
Subtotal	3574	3016	3467	3277	3418	3380	10459	9673	20132
Puerto Rico, U. of	23	101	22	89	23	78	68	268	336
TOTAL	3597	3117	3489	3366	3441	3458	10527	9941	20468

[a] Parentheses indicate six-year candidates for Pharm.D. who do not hold baccalaureate degrees in pharmacy. These Pharm.D. candidates are included in the total.

[b] University of the Pacific offers an accelerated program; the three years reported are equivalent to four academic (nine month) years.

Table II: Fall 1981 Full-Time Enrollments (Final Three Years) contrasted with comparable Fall 1980 Enrollments [a]

Colleges by State	Fall 1980 M	Fall 1980 F	Fall 1980 Total	Fall 1981 M	Fall 1981 F	Fall 1981 Total	Net Gain or Loss M	Net Gain or Loss F	Net Gain or Loss Total
Auburn U.	165	177	342	136	167	303	-29	-10	-39
Samford U.	123	68	191	100	69	169	-23	+1	-22
Arizona, U. of	91	71	162	70	81	151	-21	+10	-11
Arkansas, Medical Center, U. of	107	96	202	103	97	200	-4	+1	-3
California, U. of	(173)	(167)	(340)	(160)	(169)	(329)	-13	+2	-11
Pacific, U. of the [b]	89	51	140	68	44	112	-21	-7	-28
	(201)	(158)	(359)	(187)	(181)	(368)	(-14)	(+23)	(+9)
Southern California, U. of	(258)	(175)	(433)	(227)	(209)	(436)	(-31)	(+34)	(+3)
Colorado, U. of	112	96	208	112	87	199	0	-9	-9
Connecticut, U. of	139	140	279	128	147	275	-11	+7	-4
Howard U.	43	34	77	30	29	59	-13	-5	-18
Florida A&M U.	64	100	164	52	85	137	-12	-15	-27
Florida, U. of	202	158	360	184	164	348	-18	+6	-12
Mercer U.	212	113	325	135	94	229	-77	-19	-96
Georgia, U. of	246	185	431	203	176	379	-43	-9	-52
Idaho State U.	129	44	173	96	40	136	-33	-4	-37
Illinois, U. of	266	271	537	270	268	538	+4	-3	+1
Butler U.	108	132	240	84	130	214	-24	-2	-26
Purdue U.	195	267	462	170	241	411	-25	-26	-51
	(2)	(11)	(13)	(11)	(32)	(43)	(+9)	(+21)	(+30)
Drake U.	97	130	227	82	131	213	-15	+1	-14
Iowa, U. of	137	102	239	111	104	215	-26	+2	-24
Kansas, U. of	135	122	257	119	121	240	-16	-1	-17
Kentucky, U. of	101	130	231	102	121	223	+1	-9	-8
	(12)	(8)	(20)	(10)	(18)	(28)	(-2)	(+10)	(+8)
Northeast Louisiana U.	249	150	399	193	151	344	-56	+1	-55
Xavier U. of Louisiana	87	82	169	86	86	172	-1	+4	+3
Maryland, U. of	136	138	274	133	131	264	-3	-7	-10
	(3)	(3)	(6)	(2)	(5)	(7)	(-1)	(+2)	(+1)
Massachusetts College of Pharm.	407	279	686	367	303	670	-40	+24	-16
Northeastern U.	208	144	352	180	112	292	-28	-32	-60
Ferris State College	269	158	427	238	156	394	-31	-2	-33
Michigan, U. of	63	93	156	40	60	100	-23	-33	-56
	(6)	(15)	(21)	(18)	(38)	(56)	+12	+23	+35
Wayne State U.	181	134	315	143	117	260	-38	-17	-55
Minnesota, U. of	159	148	307	99	90	189	-60	-58	-118
	(0)	(0)	(0)	(6)	(5)	(11)	+6	+5	(+11)
Mississippi, U. of	166	140	306	164	136	300	-2	-4	-6
St. Louis College of Pharmacy	251	184	435	216	176	392	-35	-8	-43
Missouri-Kansas City, U. of	119	115	234	131	105	236	+12	-10	+2
Montana, U. of	65	57	122	55	55	110	-10	-2	-12
Creighton U.	100	71	171	100	82	182	0	+11	+11
	(6)	(3)	(9)	(3)	(5)	(8)	-3	+2	-1

Nebraska,	(111)	(92)	(203)	(71)	(56)	(127)	-40	-36	-76
Rutgers U.	176	209	385	179	215	394	+3	+6	+9
New Mexico, U. of	99	57	156	77	54	131	-22	-3	-25
Arnold & Marie Schwartz, LIU	419	207	626	343	201	544	-76	-6	-82
St. John's U.	489	285	774	478	320	798	-11	+35	+24
State U. of New York at Buffalo	144	124	268	144	127	271	0	+3	+3
Albany College of Pharmacy	159	185	344	163	172	335	+4	-13	-9
North Carolina, U. of	215	268	483	206	289	495	-9	+21	+12
	(0)	(0)	(0)	(1)	(3)	(4)	(+1)	(+3)	(+4)
North Dakota State U.	122	102	224	113	84	197	-9	-18	-27
Ohio Northern U.	209	225	434	189	219	408	-20	-6	-26
Ohio State U.	181	169	350	164	162	326	-17	-7	-24
Cincinnati, U. of	120	70	190	120	82	202	0	+12	+12
Toledo, U. of	136	101	237	125	101	226	-11	0	-11
Southwestern Oklahoma State U.	194	149	343	172	137	309	-22	-12	-34
Oklahoma, U. of	133	73	206	111	75	186	-22	+2	-20
Oregon State U.	184	124	308	151	124	275	-33	0	-33
Duquesne U.	159	218	377	161	206	367	+2	-12	-10
Philadelphia College of Pharmacy	287	248	535	301	252	553	+14	+4	+18
Temple U.	236	163	399	241	161	402	+5	-2	+3
Pittsburgh, U. of	132	155	287	123	149	272	-9	-6	-15
Rhode Island, U. of	116	127	243	117	128	245	+1	+1	+2
Medical U. of South Carolina	71	71	150	63	66	129	-8	-3	-11
South Carolina, U. of	122	90	212	109	93	202	-13	+3	-10
South Dakota State	71	40	111	52	41	93	-19	+1	-18
Tennessee, U. of	125	162	287	120	148	268	-5	-14	-19
Texas Southern U.	117	73	190	130	66	196	+13	-7	+6
Houston, U. of	253	188	441	178	165	343	-75	-23	-98
Texas at Austin, U. of	191	257	448	173	236	409	-18	-21	-39
Utah, U. of	119	51	170	98	45	143	-21	-6	-27
Virginia Commonwealth U.	126	150	276	112	164	276	-14	+14	0
Washington, U. of	118	109	227	94	103	197	-24	-6	-30
Washington State U.	105	71	176	91	79	170	-14	+8	-6
West Virginia U.	98	107	205	87	109	196	-11	+2	-9
Wisconsin-Madison, U. of	260	190	450	217	179	396	-43	-11	-54
Wyoming, U. of	59	52	111	61	44	105	+2	-8	-6
subtotal	11746	9882	21628	10459	9673	20132	-1279	-207	-1496
Puerto Rico, U. of	93	372	465	68	268	336	-25	-104	-129
TOTAL	11839	10254	22093	10527	9941	20468	-1304	-311	-1625

[a] Parentheses indicate six-year candidates for Pharm.D. who do not hold baccalaureate degrees in pharmacy. These Pharm.D. candidates are included in the total.

[b] University of the Pacific offers an accelerated program; the three reported are equivalent to four academic (nine month) years.

Table III: Fall 1981 Enrollments (Full-Time Students in Other than Final Three Years of the Curriculum.

Schools by State 0-5 Program Type	Fifth-Last Year			Fourth-Last Year		
	M	F	Total	M	F	Total
Florida A&M U.	21	37	58	26	33	59
Drake U.	12	19	31	19	36	55
Mass. Coll.of Pharm.	60	64	124	80	55	135
Northeastern U.	30	19	49	35	28	63
St. Louis Coll.of Pharm.	42	61	103	72	79	151
Rutgers U.	91	136	227	58	89	147
Albany Coll.of Pharm.	45	52	97	42	47	89
North Dakota State U.	15	32	47	26	29	55
Ohio Northern U.	66	76	142	37	74	111
Toledo, U. of	48	66	114	64	53	117
Duquesne U.	38	74	112	48	89	137
Phila. Coll.of Pharm.	66	68	134	63	71	134
Rhode Island, U. of	35	51	86	42	67	109
Utah, U. of	11	18	29	35	26	61
TOTAL - 0-5 Program Type	580	773	1353	647	776	1423

Schools By State 1-4 Program Type	M	F	Total
Mercer U.	54	28	82
Illinois, U. of	53	67	120
Purdue U.	56	99	155
Iowa, U. of	56	50	106
Minnesota, U. of	21	14	35
Missouri-Kansas City, U.of	4	6	10
New Mexico, U. of	19	11	30
Ohio State U.	46	60	106
Pittsburgh, U. of	35	55	90
South Carolina, U. of	35	40	75
South Dakota State U.	16	27	43
Washington State U.	19	23	42
Wyoming, U. of	5	12	17
TOTAL - 1-4 Program Type	419	492	911

Schools by State 2-4 Program Type	M	F	Total
California, U. of	47	73	120
Southern California, U. of	68	77	145
Michigan, U. of	14	30	44
Minnesota, U. of	42	28	70
Nebraska, U. of	37	41	78
TOTAL - 2-4 Program Type	208	249	457
GRAND TOTALS	580	773	1353 1274 1517 2791

Table IV: Fall 1981 Full-Time Enrollments of Students Studying for the Pharm.D. as their First Professional Degree

Schools and Colleges by State	Last Year M	Last Year F	2nd Last M	2nd Last F	3rd Last M	3rd Last F	4th Last M	4th Last F	Total by Sex M	Total by Sex F	TOTAL
California, U. of	43	51	65	50	52	68	47	73	207	216	423
Pacific, U. of the	61	47	64	55	62	79	0	0	187	181	368
Southern California, U. of	77	61	78	68	72	80	68	77	295	277	572
Mercer U.	0	0	0	0	0	0	54	28	54	54	108
Purdue U.	0	0	4	14	7	18	0	0	11	32	43
Kentucky, U. of	5	8	5	10	0	0	0	0	10	18	28
Maryland, U. of	2	2	0	3	0	0	0	0	2	5	7
Michigan, U. of	0	0	6	16	12	22	13	30	31	51	82
Minnesota, U. of	0	1	6	4	0	0	21	14	27	26	53
Creighton U.	0	0	2	3	1	2	0	0	3	5	8
Nebraska, U. of	32	29	39	27	0	0	37	41	108	93	201
North Carolina, U. of	0	0	1	3	0	0	0	0	1	3	4
TOTAL	220	199	270	253	206	269	240	263	936	961	1897

Table V: Fall 1981 Pharm.D. Enrollments of Students Already Holding a B.S. in Pharmacy

Schools and Colleges by State	Full-Time Students M	F	Total	Part-Time Students M	F	Total	Special Students M	F	Total	GRAND TOTAL
Auburn U.	4	1	5	5	0	5	0	0	0	10
California, U. of	2	0	2	0	0	0	0	0	0	2
Pacific, U. of the	5	4	9	0	0	0	0	0	0	9
Southern California, U. of	4	2	6	0	0	0	0	0	0	6
Florida A&M U.	5	9	14	0	0	0	0	0	0	14
Florida, U. of	8	5	13	0	0	0	0	0	0	13
Mercer U.	30	12	42	0	0	0	0	0	0	42
Georgia, U. of	2	2	4	0	0	0	0	0	0	4
Illinois, U. of	3	11	14	0	0	0	0	0	0	14
Purdue, U. of	6	8	14	0	0	0	0	0	0	14
Kentucky, U. of	9	13	22	0	0	0	0	0	0	22
Maryland, U. of	2	4	6	0	0	0	0	0	0	6
Massachusetts Coll.of Pharm.	7	9	16	0	0	0	0	0	0	16
Northeastern U.	3	1	4	0	0	0	0	0	0	4
Michigan U.	7	8	15	0	0	0	0	0	0	15
Wayne State U.	11	2	13	0	0	0	0	0	0	13
Minnesota, U. of	36	21	57	0	0	0	4	3	7	64
Creighton U.	7	4	11	0	0	0	1	4	5	16
Nebraska, U. of	4	1	5	4	2	6	0	0	0	11
St. John's U	8	5	13	0	0	0	0	0	0	13
State U.of New York at Buffalo	6	6	12	0	0	0	0	0	0	12
North Carolina, U. of	0	1	1	0	0	0	0	0	0	1
Ohio State U.	4	0	4	0	0	0	0	0	0	4
Cincinnati, U. of	11	3	14	2	1	3	0	0	0	17
Duquesne U.	2	4	6	15	5	20	0	0	0	26
Philadelphia Coll.of Pharmacy	12	15	27	0	0	0	0	0	0	27
Medical U. of South Carolina	16	10	26	0	0	0	0	0	0	26
Tennessee, U. of	17	16	33	0	1	1	0	0	0	34
Texas at Austin, U. of	17	22	39	0	0	0	0	0	0	39
Utah, U. of	6	9	15	0	1	1	0	0	0	16
Virginia Commonwealth U.	7	7	14	1	0	1	0	0	0	15
TOTALS	261	215	476	27	10	37	5	7	12	525

Table VI: Previous Pharmacy Degree Characteristics of Pharm.D. Students

Previous Degree Awarded from: Schools and Colleges by State	Same School			Other U.S. School			Foreign School			Totals		
	Full Time	Part Time	Special	Full Time	Part Time	Special	Full Time	Part Time	Special	Full Time	Part Time	Special
Auburn U.	5	2	0	0	3	0	0	0	0	5	5	0
California, U. of	0	0	0	0	0	0	2	0	0	2	0	0
Pacific, U. of the	2	0	0	7	0	0	0	0	0	9	0	0
Southern California, U. of	0	0	0	5	0	0	1	0	0	6	0	0
Florida A&M U.	8	0	0	6	0	0	0	0	0	14	0	0
Florida, U. of	2	0	0	10	0	0	1	0	0	13	0	0
Mercer U.	19	0	0	22	0	0	1	0	0	42	0	0
Georgia, U. of	4	0	0	0	0	0	0	0	0	4	0	0
Illinois, U. of	12	0	0	2	0	0	0	0	0	14	0	0
Purdue, U. of	6	0	0	8	0	0	0	0	0	14	0	0
Kentucky, U. of	6	0	0	16	0	0	0	0	0	22	0	0
Maryland, U. of	4	0	0	2	0	0	0	0	0	6	0	0
Massachusetts Coll.of Pharm.	6	0	0	7	0	0	3	0	0	16	0	0
Northeastern U.	1	0	0	3	0	0	0	0	0	4	0	0
Michigan U.	9	0	0	5	0	0	1	0	0	15	0	0
Wayne State U.	7	0	0	6	0	0	0	0	0	13	0	0
Minnesota, U. of	19	0	3	23	0	1	15	0	3	57	0	7
Creighton U.	8	0	4	3	0	1	0	0	0	11	0	5
Nebraska, U. of	2	3	0	3	2	0	0	1	0	5	6	0
St. John's U.	7	0	0	6	0	0	0	0	0	13	0	0
State U.of New York at Buffalo	3	0	0	8	0	0	1	0	0	12	0	0
North Carolina, U. of	1	0	0	0	0	0	0	0	0	1	0	0
Ohio State U.	3	0	0	1	0	0	0	0	0	4	0	0
Cincinnati, U. of	2	1	0	12	2	0	0	0	0	14	3	0
Duquesne U.	4	8	0	2	12	0	0	0	0	6	20	0
Philadelphia Coll. of Pharmacy	8	0	0	14	0	0	5	0	0	27	0	0
Medical U. of South Carolina	7	0	0	19	0	0	0	0	0	26	0	0
Tennessee, U. of	15	1	0	17	0	0	1	0	0	33	1	0
Texas at Austin, U. of	5	0	0	34	0	0	0	0	0	39	0	0
Utah, U. of	2	0	0	12	1	0	1	0	0	15	1	0
Virginia Commonwealth U.	3	1	0	11	0	0	0	0	0	14	1	0
TOTALS	180	16	7	264	20	2	32	1	3	476	37	12

Table VII: Fall 1981 Minority Student Full-Time Enrollment (Final Three Years)

Colleges by State	Black American		Hispanic American		American Indian		Asian American		Other American		Foreign				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	TOTAL
Auburn U.	4	4	0	0	1	0	1	1	0	0	1	1	7	6	13
Samford U.	2	6	0	0	0	0	2	2	0	0	12	2	16	10	26
Arizona, U. of	0	0	4	6	2	0	3	4	0	1	1	0	10	11	21
Arkansas, Medical Center, U. of	3	2	0	0	0	0	1	0	0	0	0	0	4	2	6
California, U. of	10	5	9	6	1	0	50	74	0	0	2	4	72	89	161
Pacific, U. of the	8	9	16	6	1	1	78	89	0	0	14	15	17	120	237
Southern California, U. of	1	4	10	13	0	0	100	94	2	1	3	7	116	119	235
Colorado, U. of	2	1	8	3	0	0	8	9	0	0	2	2	20	15	35
Connecticut, U. of	0	1	1	0	1	0	2	2	0	0	0	2	4	5	9
Howard U.	13	14	0	0	0	0	1	0	0	0	13	14	27	28	55
Florida A&M U.	35	71	4	6	0	0	0	0	1	0	2	1	42	78	120
Florida, U. of	3	3	18	26	0	0	3	5	0	0	2	4	26	38	64
Mercer U.	9	13	1	4	0	0	0	0	0	0	15	9	25	26	51
Georgia, U. of	3	5	2	0	0	0	3	1	0	0	0	4	8	10	18
Idaho State U.	0	0	2	0	0	0	10	6	0	0	15	3	27	9	36
Illinois, U. of	15	28	8	6	0	0	23	40	0	0	2	1	48	75	123
Butler U.	0	4	1	0	0	0	1	1	0	0	4	2	6	7	13
Purdue U.	7	14	2	2	0	0	0	4	0	0	0	2	9	22	31
Drake U.	1	5	0	0	0	0	0	1	0	0	2	2	3	8	11
Iowa, U. of	0	1	0	0	0	0	1	1	0	0	4	0	5	2	7
Kansas, U. of	0	2	1	0	0	0	3	3	0	0	2	4	6	9	15
Kentucky, U. of	2	2	0	0	0	0	1	0	0	0	4	2	7	4	11
Northeast Louisiana U.	3	12	1	1	0	0	3	3	3	0	11	1	21	17	38
Xavier U. of Louisiana	51	75	1	1	0	0	4	0	0	1	8	2	64	79	143
Maryland, U. of	4	11	1	1	1	0	13	27	0	0	2	2	21	41	62
Massachusetts College of Pharm.	5	5	12	14	2	4	7	8	0	0	47	39	73	70	143
Northeastern U.[a]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ferris State College	4	2	1	0	2	0	3	3	0	0	2	3	12	8	20
Michigan, U. of	3	9	0	2	0	0	0	6	0	0	0	1	3	18	21
Wayne State U.	5	14	2	0	0	0	1	6	0	0	7	3	15	23	38
Minnesota, U. of	0	2	0	0	0	0	3	4	0	0	16	8	19	14	33
Mississippi, U. of	6	8	1	0	0	0	3	0	1	0	3	2	14	10	24
St. Louis College of Pharmacy	1	2	0	0	0	0	0	0	5	5	2	4	8	11	19
Missouri-Kansas City, U. of	3	5	0	0	0	0	2	4	1	3	7	0	13	12	25
Montana, U. of	0	0	0	0	0	1	0	0	0	0	5	2	5	3	8
Creighton U.	12	3	0	3	0	0	16	9	0	0	12	4	40	19	59
Nebraska, U. of	2	3	0	1	0	0	1	1	0	0	4	1	7	6	13
Rutgers U.	3	6	6	6	0	0	4	13	1	1	2	0	16	26	42
New Mexico, U. of	1	0	19	5	1	2	1	0	0	0	5	3	27	10	37
Arnold & Marie Schwartz, LIU	21	24	14	19	0	0	22	23	0	0	30	42	87	108	195

St. John's U.	15	26	7	4	0	0	23	34	0	0	23	34	68	98	166
State U. of New York at Buffalo	4	1	2	1	0	0	4	7	0	0	16	8	26	17	43
Albany College of Pharmacy	1	0	0	2	0	0	0	2	0	0	0	1	1	5	6
North Carolina, U. of	2	7	0	2	3	3	5	3	0	0	1	0	11	15	26
North Dakota State U.	0	0	1	0	0	0	0	0	0	0	5	3	6	3	9
Ohio Northern U.	2	1	0	0	0	0	2	0	0	0	11	5	15	6	21
Ohio State U.	0	2	0	0	0	0	1	4	0	0	0	2	1	8	9
Cincinnati, U. of	8	10	0	2	1	0	4	4	0	1	3	2	16	19	35
Toledo, U. of	2	6	0	0	0	0	1	0	0	0	8	5	11	11	22
Southwestern Oklahoma State U.	2	3	3	0	0	0	2	3	0	0	25	7	32	13	45
Oklahoma, U. of	2	2	0	0	2	0	3	4	1	0	14	13	22	19	41
Oregon State U. [a]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duquesne U.	0	0	0	1	0	0	2	2	0	0	0	3	2	6	8
Philadelphia College of Pharmacy	3	8	4	2	0	0	3	4	0	0	1	1	11	15	26
Temple U.	8	6	2	0	0	0	4	2	0	2	18	21	32	31	63
Pittsburgh, U. of	1	1	0	0	0	0	1	1	0	0	4	3	6	5	11
Rhode Island, U. of	0	0	0	0	1	0	1	3	0	0	0	0	2	3	5
Medical U. of South Carolina	3	4	0	0	0	0	0	0	0	0	1	0	4	4	8
South Carolina, U. of	7	8	1	1	0	0	0	1	0	0	1	0	9	10	19
South Dakota State U.	0	0	0	0	1	0	0	2	1	0	1	1	3	3	6
Tennessee, U. of	4	4	0	0	1	0	2	3	0	0	0	0	7	7	14
Texas Southern U.	46	50	1	3	0	0	0	0	1	0	80	13	128	66	194
Houston, U. of	4	14	27	23	0	0	1	3	12	15	15	6	59	61	120
Texas at Austin, U. of	5	5	37	41	0	0	6	13	0	1	1	1	49	61	110
Utah, U. of	1	0	1	0	0	0	4	4	1	0	4	3	11	7	18
Virginia Commonwealth U.	5	10	0	0	0	0	0	2	0	0	0	0	5	12	17
Washington, U. of	1	3	2	1	1	2	17	21	1	0	3	2	25	29	54
Washington State U.	0	1	1	1	1	0	2	4	1	0	7	3	12	9	21
West Virginia U.	2	1	0	0	0	0	0	1	0	0	1	0	3	2	5
Wisconsin-Madison, U. of	8	6	2	2	2	0	2	3	0	0	3	4	17	15	32
Wyoming, U. of	0	0	0	0	0	0	0	2	1	2	8	1	9	5	14
Subtotal	378	554	236	217	25	13	464	576	33	33	517	340	1653	1733	3386
Puerto Rico, U. of	0	0	67	267	0	0	0	0	0	0	1	1	68	268	336
TOTAL	378	554	303	484	25	13	464	576	33	33	518	341	1721	2001	3722

[a] No breakdowns by minority status given by these schools.

Table VIII: Fall 1981 Full-Time Minority Enrollments at Predominantly Minority[a] and Predominantly Nonminority Colleges

	Black American		Hispanic American		American Indian		Asian American		Other American		Foreign		Total		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	TOTAL
LAST YEAR															
Minority Colleges	46	60	3	7	0	0	4	0	0	1	27	6	80	74	154
Nonminority Colleges	75	107	65	47	8	6	166	163	9	7	102	63	425	393	818
Subtotal	121	167	68	54	8	6	170	163	9	8	129	69	505	467	972
Puerto Rico, U. of	0	0	23	101	0	0	0	0	0	0	0	0	23	101	124
TOTAL	121	167	91	155	8	6	170	163	9	8	129	69	528	568	1096
SECOND-LAST YEAR															
Minority Colleges	34	59	2	1	0	0	0	0	1	0	34	6	71	66	137
Nonminority Colleges	81	104	75	78	9	4	156	191	14	12	143	122	478	511	989
Subtotal	115	163	77	79	9	4	156	191	15	12	177	128	549	577	1126
Puerto Rico, U. of	0	0	22	89	0	0	0	0	0	0	0	0	22	89	111
TOTAL	115	163	99	168	9	4	156	191	15	12	177	128	571	666	1237
THIRD-LAST YEAR															
Minority Colleges	65	91	1	2	0	0	1	0	1	0	42	18	110	111	221
Nonminority Colleges	77	133	90	82	8	3	137	222	8	13	169	125	489	578	1067
Subtotal	142	224	91	84	8	3	138	222	9	13	211	143	599	689	1288
Puerto Rico, U. of	0	0	22	77	0	0	0	0	0	0	1	1	23	78	101
TOTAL	142	224	113	161	8	3	138	222	9	13	212	144	622	767	1389
THREE-YEAR TOTALS															
Minority Colleges	145	210	6	10	0	0	5	0	2	1	103	30	261	251	512
Nonminority Colleges[b]	233	344	230	207	25	13	459	576	31	32	414	310	1392	1482	2874
GRAND TOTAL[b]	378	554	236	217	25	13	464	576	33	33	517	340	1653	1733	3386

[a] Refers to Howard University, Florida A&M, Xavier University and Texas Southern University.

[b] Excludes University of Puerto Rico.

Table IX: Fall 1981 Enrollments in Pharm.D. Programs of Minority Students Already Holding a B.S. Degree in Pharmacy

Minority	Male	Female	TOTAL
Black American	11	14	25
Hispanic American	3	7	10
American Indian	2	1	3
Asian American	6	9	15
Other American	0	0	0
Foreign	23	19	42
TOTAL	45	50	95

Table X: Fall 1981 Part-Time Enrollments (Final Three Years)

Schools and Colleges by State	Last Year	Second Last Year	Third Last Year	Total
Samford U.	10	7	3	20
Arkansas Medical Center, U. of	2	1	0	3
Pacific, U. of the	1	0	0	1
Southern California, U. of	0	2	2	4
Mercer U.	1	0	0	1
Idaho State U.	3	1	0	4
Drake U.	0	2	1	3
Kentucky, U. of	28	0	0	28
Northeast Louisiana U.	31	8	3	42
Xavier U. of Louisiana	9	1	1	11
Maryland, U. of	0	1	0	1
Massachusetts Coll. of Pharmacy	1	6	3	10
Ferris State College	3	2	0	5
Wayne State U.	3	11	3	17
Minnesota, U. of	15	4	1	20
Mississippi, U. of	0	1	0	1
St. Louis College of Pharmacy	4	3	1	8
Nebraska, U. of	1	2	0	3
New Mexico, U. of	1	8	15	24
St. John's U.	4	0	0	4
Albany College of Pharmacy	4	0	0	4
North Carolina, U. of	2	0	0	2
North Dakota State U.	0	2	1	3
Cincinnati, U. of	0	6	1	7
Philadelphia College of Pharmacy	1	0	0	1
Temple U.	1	0	0	1
Medical U. of South Carolina	0	2	0	2
Utah, U. of	1	0	1	2
Washington State U.	0	1	1	2
Wyoming, U. of	4	2	2	8
TOTAL	130	73	39	242

Table XI: Fall 1981 Special Student Enrollments

Schools and Colleges by State	Male	Female	Total
Maryland, U. of	8	2	10
Massachusetts College of Pharmacy	52	22	74
Minnesota, U. of	4	2	6
St. Louis College of Pharmacy	3	4	7
Temple U.	0	4	4
Medical U. of South Carolina	0	1	1
Tennessee, U. of	6	6	12
Houston, U. of	1	0	1
TOTAL	74	41	115

Table XII: Fall 1981 Geographic Origin of Full-Time Students (Final Three Years)

Schools and Colleges by State	Own State	Other State	Canada	Foreign Country	TOTAL
Auburn U.	220	81	0	2	303
Samford U.	76	79	0	14	169
Arizona, U. of	145	5	0	1	151
Arkansas Medical Center, U. of	197	3	0	0	200
California, U. of	320	3	0	6	329
Pacific, U. of the	408	44	0	28	480
Southern California, U. of	406	20	0	10	436
Colorado, U. of	178	17	0	4	199
Connecticut, U. of	191	82	0	2	275
Howard U.	14	18	0	27	59
Florida A&M U.	126	8	0	3	137
Florida, U. of	332	10	0	6	348
Mercer U.	82	123	0	24	229
Georgia, U. of	321	54	0	4	[illegible]
Idaho State U.	55	63	0	18	136
Illinois, U. of	535	0	0	3	538
Butler U.	129	79	0	6	214
Purdue U.	354	98	0	2	454
Drake U.	77	132	0	4	213
Iowa, U. of	134	77	0	4	215
Kansas, U. of	234	0	0	6	240
Kentucky, U. of	215	30	0	6	251
Northeast Louisiana U.	285	47	1	11	344
Xavier U. of Louisiana	108	54	0	10	172
Maryland, U. of	252	15	0	4	271
Massachusetts Coll. of Pharm.	288	296	16	70	670
Northeastern U.	150	109	4	29	292
Ferris State College	389	0	0	5	394
Michigan, U. of	137	16	2	1	156
Wayne State U.	248	2	7	3	260
Minnesota, U. of	142	34	0	24	200
Mississippi, U. of	267	28	0	5	300
St. Louis Coll. of Pharmacy	194	192	1	5	392
Missouri-Kansas City, U. of	221	8	0	7	236
Montana, U. of	69	34	0	7	110
Creighton U.	56	118	0	16	190
Nebraska, U. of	116	7	0	4	127
Rutgers U.	370	22	0	2	394
New Mexico, U. of	92	31	0	8	131
Arnold & Marie Schwartz, LIU	420	52	0	72	544

St. John's U.	642	98	4	54	798
State U. of New York at Buffalo	244	3	4	20	271
Albany College of Pharmacy	326	7	1	1	335
North Carolina, U. of	474	24	0	1	499
North Dakota State U.	92	97	1	7	197
Ohio Northern U.	303	89	0	16	408
Ohio State U.	310	14	0	2	326
Cincinnati, U. of	177	20	1	4	202
Toledo, U. of	203	9	2	12	226
Southwestern Oklahoma State U.	241	36	0	32	309
Oklahoma, U. of	150	9	0	27	186
Oregon State U.	194	61	1	18	274
Duquesne U.	312	52	0	3	367
Philadelphia Coll. of Pharmacy	351	200	0	2	553
Temple U.	326	37	2	37	402
Pittsburgh, U. of	260	5	1	6	272
Rhode Island, U. of	97	148	0	0	245
Medical U. of South Carolina	109	19	0	1	129
South Carolina, U. of	168	33	0	1	202
South Dakota State	60	31	0	2	93
Tennessee, U. of	268	0	0	0	268
Texas Southern U.	91	13	0	92	196
Houston, U. of	303	20	1	19	343
Texas at Austin, U. of	409	0	0	0	409
Utah, U. of	109	27	0	7	143
Virginia Commonwealth U.	266	11	0	0	277
Washington, U. of	175	17	0	5	197
Washington State U.	151	9	1	9	170
West Virginia, U. of	179	16	0	1	196
Wisconsin-Madison, U. of	353	36	0	7	396
Wyoming, U. of	47	49	0	9	105
Subtotal	15943	3281	50	858	20132
Puerto Rico, U. of	334	0	0	2	336
TOTAL	16277	3281	50	860	20468

Table XIII: Fall 1981 Enrollment of American Full-Time Students in Each State by State of Residence

ALABAMA (296 + 15 = 311)

Auburn U.	220
Samford U.	76
Florida A&M U.	2
Idaho State U.	1
Northeast Louisiana U.	1
Xavier U. of Louisiana	7
Mississippi, U. of	2
Nebraska, U. of	1
Texas Southern U.	1

ALASKA (0 + 3 = 3)

Oregon State U.	2
Washington, U. of	1

ARIZONA (145 + 15 = 160)

Arizona, U. of	145
Pacific, U. of the	3
Southern California, U. of	1
Idaho State U.	2
Massachusetts Coll.of Pharm.	2
Northeastern U.	1
Creighton U.	3
Texas Southern U.	1
Utah, U. of	1
Washington, U. of	1

ARKANSAS (197 + 16 = 213)

Arkansas Medical Center	197
Northeast Louisiana U.	10
Mississippi, U. of	2
St. Louis Coll. of Pharmacy	2
Ohio Northern U.	1
Oklahoma, U. of	1

CALIFORNIA (1134 + 151 = 1285)

California, U. of	320
Pacific, U. of the	408
Southern California, U.of	406
Colorado, U. of	1
Howard U.	1
Florida A&M U.	1
Mercer U.	1
Georgia, U. of	1
Idaho State U.	34
Iowa, U. of	2
Northeast Louisiana U.	2
Xavier U. of Louisiana	3
Massachusetts Coll.of Pharm.	3
Northeastern U.	1
Wayne State U.	1
Minnesota, U. of	1
Montana, U. of	7
Creighton U.	12
Nebraska, U. of	2
New Mexico, U. of	6
North Carolina, U. of	1
Cincinnati, U. of	1
Oregon State U.	33
Philadelphia Coll.of Pharm.	1
Rhode Island, U. of	1
South Dakota State U.	2
Texas Southern U.	1

California - contd.

Houston, U. of	3
Utah, U. of	14
Washington, U. of	2
Washington State U.	3
Wisconsin-Madison, U. of	1
Wyoming, U. of	9

COLORADO (178 + 22 = 200)

Colorado, U. of	178
Pacific, U. of the	2
Idaho State U.	2
Butler U.	1
Drake U.	2
Northeast Louisiana U.	1
Montana, U. of	1
Creighton U.	3
Nebraska, U. of	1
North Dakota State U.	3
Oregon State U.	1
Utah, U. of	1
Wyoming, U. of	4

CONNECTICUT (191 + 99 = 290)

Connecticut, U. of	191
Northeast Louisiana U.	2
Massachusetts Coll.of Pharm.	51
Northeastern U.	26
Creighton U.	1
Rutgers U.	1
New Mexico, U. of	1
St. John's U.	1
Ohio Northern U.	1
Duquesne U.	1
Philadelphia Coll.of Pharm.	3
Rhode Island, U. of	10
Wyoming, U. of	1

DELAWARE (0 + 38 = 38)

Georgia, U. of	1
Maryland, U. of	1
Massachusetts Coll.of Pharm.	1
St. John's U.	1
Philadelphia Coll.of Pharm.	29
Temple U.	3
Medical U. of South Carolina	1
Wisconsin-Madison, U. of	1

DISTRICT OF COLUMBIA (14+9 = 23)

Howard U.	14
Maryland, U. of	2
Northeastern U.	4
North Carolina, U. of	1
Philadelphia Coll.of Pharm.	1
Houston, U. of	1

FLORIDA (458 + 146 = 604)

Florida A&M U.	126
Florida, U. of	332
Auburn U.	41
Samford U.	11
Pacific, U. of the	2

Florida - contd.

Colorado, U. of	2
Howard U.	1
Mercer U.	32
Georgia, U. of	14
Butler U.	1
Purdue U.	3
Iowa, U. of	1
Kentucky, U. of	1
Northeast Louisiana U.	5
Xavier U. of Louisiana	6
Maryland, U. of	1
Massachusetts Coll.of Pharm.	6
St. Louis Coll.of Pharm.	1
Missouri-Kansas City, U. of	1
Creighton U.	1
New Mexico, U. of	1
Arnold & Marie Schwartz	1
North Carolina, U. of	2
Cincinnati, U. of	1
Philadelphia Coll.of Pharm.	1
Medical U. of South Carolina	2
South Carolina, U. of	4
Texas Southern, U. of	1
Houston, U. of	3

GEORGIA (403 + 27 = 430)

Mercer U.	82
Georgia, U. of	321
Auburn U.	13
Samford U.	1
Howard U.	2
Florida, U. of	1
Drake U.	1
Xavier U. of Louisiana	2
Massachusetts Coll.of Pharm.	1
Mississippi, U. of	1
Ohio Northern U.	1
Ohio State U.	1
Medical U. of South Carolina	1
Texas Southern U.	1
Utah, U. of	1

HAWAII (0 + 71 = 71)

Pacific, U. of the	20
Southern California, U. of	11
Colorado, U. of	2
Idaho State U.	2
Drake U.	1
Minnesota, U. of	2
Creighton U.	12
Oregon State U.	11
Houston, U. of	1
Utah, U. of	1
Washington, U. of	6
Washington State U.	1
Wyoming, U. of	1

IDAHO (55 + 8 = 63)

Idaho State U.	55
Iowa, U. of	1
Montana, U. of	1

Idaho - contd.

Oregon State U.	1
Utah, U. of	1
Washington State U.	4

ILLINOIS (535 + 542 = 1077)

Illinois, U. of	535
Arizona, U. of	3
Arkansas Medical Center	1
Colorado, U. of	2
Mercer U.	1
Idaho State U.	1
Butler U.	44
Purdue U.	48
Drake U.	97
Iowa, U. of	63
Kentucky, U. of	5
Northeast Louisiana U.	4
Xavier U. of Louisiana	11
Maryland, U. of	1
Northeastern U.	1
Michigan U. , U. of	5
Minnesota, U. of	2
St. Louis Coll.of Pharm.	183
Missouri-Kansas City, U. of	3
Montana, U. of	3
Creighton U.	15
Nebraska, U. of	1
New Mexico, U. of	6
North Dakota State U.	3
Cincinnati, U. of	2
Oklahoma, U. of	3
Oregon State U.	2
Rhode Island, U. of	1
Texas Southern U.	2
Utah, U. of	1
Wisconsin-Madison, U. of	22
Wyoming, U. of	6

INDIANA (483 + 16 = 499)

Butler U.	129
Purdue U.	354
Samford U.	1
Pacific, U. of the	1
Colorado, U. of	1
Idaho State U.	1
Drake U.	3
Kentucky, U. of	2
Xavier U. of Louisiana	1
Michigan, U. of	1
Creighton U.	1
New Mexico, U. of	1
Cincinnati, U. of	1
Texas Southern U.	1
Washington, U. of	1

IOWA (211 + 35 = 246)

Drake U.	77
Iowa, U. of	134
Arizona, U. of	1
Michigan U. of	1
Creighton U.	22
Nebraska, U. of	1
North Dakota State U.	1
South Dakota State U.	8
Wyoming, U. of	1

KANSAS (234 + 14 = 248)

Kansas, U. of	234
Arkansas Medical Center	1
Drake U.	2
Xavier U. of Louisiana	1
Missouri-Kansas City, U. of	3
Creighton U.	4
New Mexico, U. of	1
Southwestern Oklahoma State	2

KENTUCKY (215 + 72 = 287)

Kentucky, U. of	215
Auburn U.	4
Samford U.	22
Pacific, U. of the	1
Mercer U.	18
Georgia, U. of	3
Butler U.	6
Purdue U.	2
St. Louis Coll.of Pharm.	2
Cincinnati, U. of	11
Medical U. of South Carolina	2
Wisconsin-Madison, U. of	1

LOUISIANA (393 + 8 = 401)

Northeast Louisiana U.	285
Xavier U. of Louisiana	108
Auburn U.	1
Howard U.	1
Minnesota, U. of	1
Texas Southern U.	1
Houston, U. of	3
Washington, U. of	1

MAINE (0 + 65 = 65)

Connecticut, U. of	5
Kentucky, U. of	1
Massachusetts Coll.of Pharm.	20
Northeastern U.	7
Rutgers U.	1
Philadelphia Coll.of Pharm.	1
Rhode Island U.	30

MARYLAND (252 + 48 = 300)

Maryland, U. of	252
Samford U.	1
Southern California, U. of	1
Connecticut, U. of	1
Mercer U.	2
Georgia, U. of	1
Kentucky, U. of	1
Massachusetts Coll.of Pharm.	3
Northeastern U.	4
St. Louis Coll.of Pharm.	1
Rutgers U.	4
New Mexico, U. of	1
North Carolina, U. of	1
North Dakota State U.	1
Ohio Northern U.	2
Duquesne U.	3
Philadelphia Coll.of Pharm.	4
South Carolina, U. of	2
Virginia Commonwealth U.	4
Washington, U. of	1
West Virgina U.	7
Wyoming, U. of	3

MASSACHUSETTS (438 + 98 = 536)

Massachusetts Coll.of Pharm.	288
Northeastern U.	150
Pacific, U. of the	1
Southern California, U. of	1
Connecticut, U. of	39
Howard U.	1
Idaho State U.	1
Purdue U.	2
Michigan, U. of	1
St. Louis Coll.of Pharm.	1
Rutgers U.	2
New Mexico, U. of	1
Arnold & Marie Schwartz	1
Albany College of Pharmacy	1
Oregon State U.	1
Philadelphia Coll.of Pharm.	1
Rhode Island, U. of	44

MICHIGAN (774 + 42 = 816)

Ferris State College	389
Michigan, U. of	137
Wayne State U.	248
Auburn U.	2
Pacific, U. of the	1
Florida A&M U.	1
Mercer U.	6
Georgia, U. of	1
Purdue U.	4
Iowa, U. of	1
Northeast Louisiana U.	1
Xavier U. of Louisiana	2
Montana, U. of	3
Creighton U.,	3
Ohio Northern U.	3
Toledo, U. of	5
Philadelphia Coll.of Pharm.	1
Medical U. of South Carolina	1
Texas Southern U.	1
Houston, U. of	2
Utah, U. of	1
Washington, U. of	1
Wisconsin-Madison, U. of	1
Wyoming, U. of	1

MINNESOTA (142 + 118 = 260)

Minnesota, U. of	142
Southern California, U. of	1
Idaho State U.	1
Drake U.	8
Iowa, U. of	1
Michigan, U. of	1
Montana, U. of	2
Creighton U.	5
North Dakota State U.	78
Temple U.	1
South Dakota State U.	14
Wisconsin-Madison, U. of	5
Wyoming, U. of	1

MISSISSIPPI (267 + 16 = 283)

Mississippi, U. of	267
Samford U.	1
Northeast Louisiana U.	5
Xavier U. of Louisiana	7
Massachusetts Coll.of Pharm.	2
Creighton U.	1

MISSOURI (415 + 44 = 459)

St. Louis Coll.of Pharm.	194
Missouri-Kansas City, U. of	221
Samford U.	3
Pacific, U. of the	1
Idaho State U.	1
Butler U.	4
Purdue U.	2
Drake U.	8
Iowa, U. of	2
Kentucky, U. of	1
Northeast Louisiana U.	1
Xavier U. of Louisiana	2
Massachusetts Coll.of Pharm.	1
Michigan, U. of	1
Mississippi, U. of	5
Creighton U.	8
New Mexico, U. of	2
Wyoming, U. of	2

MONTANA (69 + 7 = 76)

Montana, U. of	69
Minnesota, U. of	1
Creighton U.	2
North Dakota State U.	2
Utah, U. of	1
Washington, U. of	1

NEBRASKA (172 + 13 = 185)

Creighton U.	56
Nebraska, U. of	116
Iowa, U. of	1
Southwestern Oklahoma State	1
South Dakota State U.	2
Utah, U. of	1
Wisconsin-Madison, U. of	1
Wyoming, U. of	7

NEVADA (0 + 16 = 16)

California, U. of	1
Pacific, U. of the	3
Southern California, U. of	1
Idaho State U.	6
Montana, U. of	1
Oregon State U.	1
Utah, U. of	1
Wyoming, U. of	2

NEW HAMPSHIRE (0 + 80 = 80)

Connecticut, U. of	9
Massachusetts Coll.of Pharm.	41
Northeastern U.	9
Rhode Island, U. of	20
Washington State U.	1

NEW JERSEY (370 + 506 = 876)

Rutgers U.	370
Colorado, U. of	3
Connecticut, U. of	8
Howard U.	2
Florida A&M U.	2
Florida, U. of	2
Georgia, U. of	1
Idaho State U.	1
Butler U.	5
Purdue U.	6

New Jersey - contd.

Drake U.	1
Kentucky, U. of	1
Maryland, U. of	1
Massachusetts Coll.of Pharm.	55
Northeastern U.	15
Montana, U. of	2
Creighton U.	2
New Mexico, U. of	1
Arnold & Marie Schwartz	48
St. John's U.	93
Albany College of Pharmacy	4
North Carolina, U. of	3
Ohio Northern U.	3
Ohio State U.	5
Oregon State U.	1
Duquesne U.	23
Philadelphia Coll.of Pharm.	141
Temple U.	30
Pittsburgh, U. of	1
Rhode Island, U. of	27
Medical U. of South Carolina	1
South Carolina, U. of	5
South Dakota State U.	2
Houston, U. of	1
Utah, U. of	1
Virginia Commonwealth U.	4
Wisconsin-Madison, U. of	2
Wyoming, U. of	3

NEW MEXICO (92 + 5 = 97)

New Mexico, U. of	92
Pacific, U. of the	1
Southwestern Oklahoma State	3
Houston, U. of	1

NEW YORK (1632 + 252 = 1884)

Arnold & Marie Schwartz	420
St. John's U.	642
State U. of NY at Buffalo	244
Albany College of Pharmacy	326
Auburn U.	2
California, U. of	2
Pacific, U. of the	3
Southern California, U. of	1
Colorado, U. of	3
Connecticut, U. of	13
Howard U.	1
Florida, U. of	2
Mercer U.	2
Georgia, U. of	1
Idaho State U.	3
Butler U.	7
Purdue U.	8
Iowa, U. of	1
Kentucky, U. of	4
Northeast Louisiana U.	2
Xavier U. of Louisiana	2
Massachusetts Coll.of Pharm.	60
Northeastern U.	28
Michigan, U. of	5
Minnesota, U. of	1
St. Louis Coll.of Pharm.	1
Creighton U.	9
Rutgers U.	7
New Mexico, U. of	3
North Carolina, U. of	5

New York - contd.

North Dakota State U.	1
Ohio Northern U.	21
Ohio State U.	1
Cincinnati, U. of	1
Toledo, U. of	2
Oregon State U.	1
Duquesne U.	12
Philadelphia Coll.of Pharm.	13
Temple U.	2
Pittsburgh, U. of	1
Rhode Island, U. of	13
South Carolina, U. of	3
Virginia Commonwealth U.	1
West Virginia U.	1
Wisconsin-Madison, U. of	1
Wyoming, U. of	2

NORTH CAROLINA (474 + 41 = 515)

North Carolina, U. of	474
Auburn U.	2
Florida, U. of	2
Mercer U.	3
Georgia, U. of	10
Northeast Lousiana U.	1
Xavier U. of Louisiana	1
Mississippi, U. of	1
Ohio Northern U.	1
Ohio State U.	1
Medical U. of South Carolina	7
South Carolina, U. of	12

NORTH DAKOTA (92 + 7 = 99)

North Dakota State U.	92
Purdue U.	1
Minnesota, U. of	2
Montana, U. of	4

OHIO (993 + 45 = 1038)

Ohio Northern U.	303
Ohio State U.	310
Cincinnati, U. of	177
Toledo, U. of	203
Samford U.	1
Southern California, U. of	1
Howard U.	1
Florida, U. of	1
Butler U.	6
Purdue U.	7
Drake U.	1
Iowa, U. of	1
Kentucky, U. of	4
Northeast Louisiana U.	2
Northeastern U.	1
Michigan, U. of	1
Montana, U. of	1
Creighton U.	3
Duquesne U.	8
Pittsburgh, U. of	3
Medical U. of South Carolina	1
Virginia Commonwealth U.	1
Wyoming, U. of	1

OKLAHOMA (391 + 5 = 396)

Southwestern Okahoma State	241
Oklahoma, U. of	150
Pacific, U. of the	1

Oklahoma - contd.

Northeast Louisiana U.	1
Xavier U. of Louisiana	1
Houston, U. of	2

OREGON (194 + 7 = 201)

Oregon State U.	194
Pacific, U. of the	2
Idaho State U.	1
Montana, U. of	2
Utah, U. of	1
Washington, U. of	1

PENNSYLVANIA (1249 + 157 = 1406)

Duquesne U.	312
Philadelphia Coll.of Pharm.	351
Temple U.	326
Pittsburgh, U. of	260
Auburn U.	1
Arizona, U. of	1
Pacific, U. of the	1
Colorado, U. of	1
Howard U.	2
Florida A&M U.	1
Mercer U.	2
Georgia, U. of	3
Idaho State U.	1
Butler U.	2
Purdue U.	8
Kentucky, U. of	4
Xavier U. of Louisiana	1
Maryland, U. of	2
Massachusetts Coll.of Pharm.	17
Northeastern U.	8
Mississippi, U. of	1
Montana, U. of	3
Creighton, U.	1
Rutgers U.	6
New Mexico, U. of	2
Arnold & Marie Schwartz	1
St. John's U.	2
State U. of NY at Buffalo	3
Albany College of Pharmacy	1
North Carolina, U. of	3
North Dakota State U.	1
Ohio Northern U.	53
Ohio State U.	6
Cincinnati, U. of	1
Toledo, U. of	2
Rhode Island, U. of	1
South Carolina, U. of	3
Texas Southern U.	1
Houston, U. of	1
West Virginia U.	8
Wyoming, U. of	2

RHODE ISLAND (97 + 6 = 103)

Rhode Island, U. of	97
Auburn U.	1
Massachusetts Coll.of Pharm.	2
Northeastern U.	1
Philadelphia Coll.of Pharm.	1
Washington, U. of	1

SOUTH CAROLINA (277 + 17 = 294)

Med. U. of South Carolina	109
South Carolina, U. of	168

South Carolina - contd.

Howard U.	1
Florida A&M U.	1
Georgia, U. of	7
Butler U.	1
Drake U.	1
Xavier U. of Louisiana	3
Mississippi, U. of	1
Creighton U.	1
Philadelphia Coll.of Pharm.	1

SOUTH DAKOTA (60 + 14 = 74)

South Dakota State U.	60
Drake U.	1
Iowa, U. of	1
Minnesota, U. of	1
St. Louis Coll.of Pharm.	1
Creighton U.	4
North Dakota State U.	5
Wyoming, U. of	1

TENNESSEE (268 + 122 = 390)

Tennessee, U. of	268
Auburn U.	12
Samford U.	33
Howard U.	2
Mercer U.	37
Georgia, U. of	5
Butler U.	1
Kentucky, U. of	1
Northeast Louisiana U.	1
Xavier U. of Louisiana	3
Maryland, U. of	1
Wayne State U.	1
Mississippi, U. of	12
Creighton U.	2
North Carolina, U. of	2
Ohio Northern U.	1
Oklahoma, U. of	1
Oregon State U.	1
Medical U. of South Carolina	2
South Carolina, U. of	2
Houston, U. of	1
Virginia Commonwealth U.	1

TEXAS (803 + 58 = 861)

Texas Southern U.	91
Houston, U. of	303
Texas at Austin, U. of	409
Auburn U.	1
Arkansas Medical Center	1
Colorado, U. of	1
Idaho State U.	1
Purdue U.	2
Drake U.	1
Northeast Louisiana U.	3
Xavier U. of Louisiana	1
Maryland, U. of	1
Massachusetts Coll.of Pharm.	1
Minnesota, U. of	1
Mississippi, U. of	1
Montana, U. of	1
Creighton U.	1
Nebraska, U. of	1
New Mexico, U. of	3
North Dakota State U.	1
Southwestern Oklahoma State	30

Texas - contd.

Oklahoma, U. of	4
Oregon State U.	1
Wisconsin-Madison, U. of	1

UTAH (109 + 4 = 113)

Utah, U. of	109
Idaho State U.	2
Oregon State U.	1
Wyoming, U. of	1

VERMONT (0 + 19 = 19)

Connecticut, U. of	6
Massachusetts Coll.of Pharm.	8
Northeastern U.	3
Albany College of Pharmacy	1
Rhode Island, U. of	1

VIRGINIA (266 + 62 = 328)

Virginia Commonwealth U.	266
Auburn U.	1
Samford U.	4
Connecticut, U. of	1
Howard U.	1
Florida, U. of	2
Mercer U.	18
Georgia, U. of	6
Purdue U.	1
Iowa, U. of	1
Northeastern Louisiana U.	3
Maryland, U. of	4
Massachusetts Coll.of Pharm.	2
Montana, U. of	1
Rutgers U.	1
Arnold & Marie Schwartz	1
North Carolina, U. of	6
Philadelphia Coll.of Pharm.	2
Temple U.	1
Medical U. of South Carolina	1
South Carolina, U. of	2
Texas Southern U.	2
Houston, U. of	1

VIRGIN ISLANDS (0 + 1 = 1)

Purdue U.	1

WASHINGTON (326 + 10 = 336)

Washington, U. of	175
Washington State U.	151
Pacific, U. of the	1
Southern California, U. of	2
Kentucky, U. of	1
Montana, U. of	1
New Mexico, U. of	1
St. John's U.	1
Oregon State U.	3

WEST VIRGINIA (179 + 15 = 194)

West Virginia U.	179
Howard U.	2
Purdue U.	1
Kentucky, U. of	4
Ohio Northern U.	2
Cincinnati, U. of	2
Duquesne U.	4

WISCONSIN (353 + 41 = 394)

Wisconsin-Madison, U. of	353
Mercer U.	1
Butler U.	1
Purdue U.	1
Drake U.	5
Iowa, U. of	1
Northeast Louisiana U.	1
Minnesota, U. of	22
Mississippi, U. of	1
Montana, U. of	1
Creighton U.	2
North Dakota State U.	1
Oregon State U.	1
South Dakota State U.	2
Wyoming, U. of	1

WYOMING (47 + 5 = 52)

Wyoming, U. of	47
Colorado, U. of	1
Idaho State U.	1
New Mexico, U. of	1
South Dakota State U.	1
Utah, U. of	1

PUERTO RICO (334 + 27 = 361)

Puerto Rico, U. of	334
Samford U.	1
Purdue U.	1
Northeast Louisiana U.	1
Maryland, U. of	1
Massachusetts Coll.of Pharm.	20
Mississippi, U. of	1
Missouri-Kansas City, U. of	1
Duquesne U.	1

First number in each parenthesis indicates the number of resident students attending colleges in-state; the second number represents the number of resident students attending colleges in other states. Under each state are listed the colleges enrolling students from that state, with schools within that state underlined.

Table XIV: Country of Origin of Foreign Full-Time Students (Final Three Years)

Country	Male	Female	Total
Africa [a]	1	3	4
Antilles	0	1	1
Aruba	0	1	1
Asia [a]	0	1	1
Bahamas	2	0	2
Bangladesh	1	2	3
Barbados	0	1	1
Bermuda	1	2	3
Burma	0	1	1
Cameroons	7	3	10
Cambodia	1	1	2
Canada			
British Columbia	1	0	1
New Brunswick	6	1	7
Nova Scotia	0	1	1
Ontario	23	13	36
Quebec	3	2	5
Cuba	1	4	5
Dominican Republic	1	1	2
East Africa	0	1	1
Egypt	6	8	14
El Salvador	0	1	1
Ethiopia	3	2	5
Gambia	1	1	2
Ghana	7	3	10
Greece	1	5	6
Guyana	3	1	4
Haiti	4	8	12
Hong Kong	37	23	60
Hungary	0	2	2
India	23	10	33
Indonesia	1	4	5
Iran	68	26	94
Iraq	0	1	1
Israel	4	2	6
Italy	1	0	1
Jamaica	3	11	14
Japan	1	5	6
Jordan	8	3	11
Kenya	8	1	9
Korea	14	11	25
Kuwait	2	0	2
Lebanon	24	11	35
Liberia	1	0	1
Malaysia	6	4	10
Mauritius	1	0	1
Mexico	0	1	1
Micronesia	0	1	1
Netherlands Antilles	1	1	2
Netherlands	0	1	1
Nigeria	188	73	261
Pakistan	5	3	8
Palestine	1	0	1
Panama	1	1	2
Phillipines	0	3	3
Poland	0	2	2
Portugal	1	3	4
Romania	0	2	2
Singapore	0	2	2
South Africa	3	3	6
Sudan	1	0	1
Surinam	0	1	1
Syria	1	1	2
Taiwan	23	24	47
Tanzania	3	1	4
Thailand	6	14	20
Tonga	1	0	1
Trinidad	1	2	3
Uganda	1	2	3
United Kingdom	3	7	10
U.S.S.R.	1	2	3
Venezuela	1	2	3
Vietnam	18	18	36
West Africa	2	0	2
West Germany	2	2	4
West Indies	2	3	5
Yugoslavia	1	1	2
Zambia	1	1	2
Zimbabwe	6	3	9
TOTAL	549	362	911

[a] Individual nation not specified.

Table XV: Enrollments by NABP/AACP Districts

District	1980	1981	Change	Percent Change
I (CT, MA, RI)	1560	1482	(78)	(5.0)
II (DC, MD, NJ NY, PA, VA, WV)	4833	4738	(95)	(1.9)
III (AL, FL, GA, MS, NC, PR, SC, TN)	3251	3299	48	1.4
IV (IL, IN, KY, MI, OH, WI)	4083	3825	(258)	(6.3)
V IA, MN, NE, ND, SD)	1491	1235	(256)	(17.2)
VI (AR, KS, LA, MO, OK, TX)	3325	3027	(298)	(8.9)
VII (ID, MT, OR, WA, WY)	1117	993	(124)	(11.1)
VIII (AZ, CA, CO, NM, UT)	1968	1869	(99)	(5.0)
TOTAL	21628	20468	(1160)	5.3

U.S. COLLEGES OF PHARMACY

Professional degrees awarded: The Bachelor of Science in Pharmacy is awarded by all schools unless otherwise indicated by a single asterisk (*), which notes that the school awards only the Pharm.D. (Doctor of Pharmacy) as the first professional degree. A double asterisk (**) indicates the school offers both the B.S. Pharmacy and Pharm.D. degrees. Although all schools listed have accredited first professional degree programs, not all Pharm.D. programs have been accredited by the American Council on Pharmaceutical Education. The accreditation status of programs can be obtained by contacting the ACPE, One East Wacker Drive, Chicago, Illinois 60601, (312) 467-6222.

( ) The number in parenthesis after the school name indicates the number of years of college study generally required prior to enrolling in the school of pharmacy.

Information regarding graduate programs available in schools of pharmacy is available from the American Association of Colleges of Pharmacy, 4630 Montgomery Avenue, Suite 201, Bethesda, Maryland 20814

ALABAMA

**Auburn University (2)
School of Pharmacy
Auburn, AL 36830

Samford University (2)
School of Pharmacy
800 Lakeshore Drive
Birmingham, AL 35209

ARIZONA

University of Arizona (2)
College of Pharmacy
Tucson, AZ 85724

ARKANSAS

**University of Arkansas
for Medical Sciences (2)
College of Pharmacy
4301 West Markham
Little Rock, AR 72201

CALIFORNIA

*University of California (2)
School of Pharmacy
San Francisco, CA 94143

*University of the Pacific (1)
School of Pharmacy
751 Brookside Road
Stockton, CA 95211

*University of Southern
California (2)
School of Pharmacy
1985 Zonal Avenue
Los Angeles, CA 90033

COLORADO

University of Colorado (2)
School of Pharmacy
Ekeley W-181-E
Boulder, CO 80309

CONNECTICUT

University of Connecticut (0)
School of Pharmacy
Box U-92
Storrs, CT 06268

DISTRICT OF COLUMBIA

Howard University (2)
College of Pharmacy and
Pharmacal Sciences
2300 Fourth Street, N.W.
Washington, DC 20059

FLORIDA

Florida Agricultural and
Mechanical University (0)
School of Pharmacy
P.O. Box 367
Tallahassee, FL 32307

**University of Florida (2)
College of Pharmacy
J. Hillis Miller Health Center
Gainesville, FL 32610

GEORGIA

Mercer University
Southern School of Pharmacy
345 Boulevard, N.E.
Atlanta, GA 30312

University of Georgia (2)
School of Pharmacy
Athens, GA 30602

IDAHO

Idaho State University (1)
College of Pharmacy
Pocatello, ID 83209

ILLINOIS

University of Illinois (1)
College of Pharmacy
833 South Wood Street
P.O. Box 6998
Chicago, IL 60632

INDIANA

Butler University (2)
College of Pharmacy
46th and Sunset Avenue
Indianapolis, IN 46208

**Purdue University (1)
School of Pharmacy and
Pharmacal Sciences
W. Lafayette, IN 47907

IOWA

Drake University (0)
College of Pharmacy
28th and Forest
Des Moines, IA 50311

**University of Iowa (1)
College of Pharmacy
Iowa City, IA 52242

KANSAS

University of Kansas (2)
School of Pharmacy
Lawrence, KS 66044

KENTUCKY

**University of Kentucky (2)
College of Pharmacy
Washington & Gladstone Streets
Lexington, KY 40506

LOUISIANA

Northeast Louisiana University (2)
School of Pharmacy
700 University Avenue
Monroe, LA 71209

Xavier University of Louisiana (2)
College of Pharmacy
7325 Palmetto Street
New Orleans, LA 70125

MARYLAND

**University of Maryland (2)
School of Pharmacy
636 W. Lombard Street
Baltimore, MD 21201

MASSACHUSETTS

Massachusetts College
of Pharmacy (0)
179 Longwood Avenue
Boston, MA 02115

Northeastern University (0)
College of Pharmacy and
Allied Health Professions
360 Huntington Avenue
Boston, MA 02115

MICHIGAN

Ferris State College (2)
School of Pharmacy
901 South State Street
Big Rapids, MI 49307

**University of Michigan (0)
College of Pharmacy
Ann Arbor, MI 48109

**Wayne State University (0)
College of Pharmacy and
Allied Health Professions
5501 Second Avenue
Detroit, MI 48202

MINNESOTA

**University of Minnesota (2)
College of Pharmacy
128 Pleasant St., S.E.
Minneapolis, MN 55455

MISSISSIPPI

University of Mississippi (2)
School of Pharmacy
University, MS 38677

MISSOURI

St. Louis College of Pharmacy (0)
4588 Parkview Place
St. Louis, MO 63110

**University of Missouri-K.C. (1)
School of Pharmacy
5005 Rockhill Road
Kansas City, MO 64110

MONTANA

University of Montana (2)
School of Pharmacy
Missoula, MT 59801

NEBRASKA

**Creighton University (2)
School of Pharmacy
2542 California Street
Omaha, NE 68178

*University of Nebraska (2)
College of Pharmacy
42nd & Dewey Avenue
Omaha, NE 68105

NEW JERSEY

Rutgers University (0)
The State University of
New Jersey
College of Pharmacy

NEW MEXICO
University of New Mexico (1)
College of Pharmacy
Albuquerque, NM 87131

NEW YORK
Arnold & Marie Schwartz College of Pharmacy & Health Sciences (0)
Long Island University
75 Dekalb Avenue
Brooklyn, NY 11201

**St. John's University (0)
College of Pharmacy and Allied Health Professions
Grand Central & Utopia Pkwys.
Jamaica, NY 11439

**State University of New York at Buffalo (2)
School of Pharmacy
C126 Cooke-Hochstetter Complex
Amherst, NY 14260

Albany College of Pharmacy of Union University (0)
106 New Scotland Avenue
Albany, NY 12208

NORTH CAROLINA
The University of North Carolina at Chapel Hill (1)
School of Pharmacy
Beard Hall 200H
Chapel Hill, NC 27514

NORTH DAKOTA
North Dakota State University (0)
College of Pharmacy
Fargo, ND 58102

OHIO
Ohio Northern University (0)
College of Pharmacy
Ada, OH 45810

Ohio State University (1)
College of Pharmacy
500 West 12th Avenue
Columbus, OH 43210

**University of Cincinnati (2)
College of Pharmacy
136 Hlth Prof Bldg
Mail Location #4
Cincinnati, OH 45267

University of Toledo (0)
College of Pharmacy
2801 West Bancroft Street
Toledo, OH 43606

OKLAHOMA
Southwestern Oklahoma State University (2)
School of Pharmacy
100 Campus Drive
Weatherford, OK 73096

University of Oklahoma (2)
College of Pharmacy
644 Northeast 14th
Oklahoma City, OK 73104

OREGON
Oregon State University (2)
School of Pharmacy
Corvallis, OR 97331

PENNSYLVANIA
**Duquesne University (0)
School of Pharmacy
Pittsburgh, PA 15219

**Philadelphia College of Pharmacy and Science (0)
43rd Street and Kingsessing Mall
Philadelphia, PA 19104

Temple University (2)
School of Pharmacy
3307 North Broad Street
Philadelphia, PA 19140

University of Pittsburgh (1)
School of Pharmacy
3501 Terrace Street
Pittsburgh, PA 15261

PUERTO RICO
University of Puerto Rico (1)
College of Pharmacy
Medical Sciences Campus
GPO Box 5067
San Juan, PR 00936

RHODE ISLAND
**University of Rhode Island (0)
College of Pharmacy
Kingston, RI 02881

SOUTH CAROLINA
**Medical University of South Carolina (2)
School of Pharmacy
171 Ashley Avenue
Charleston, SC 29425

University of South Carolina (1)
College of Pharmacy
Columbia, SC 29208

TENNESSEE
**University of Tennessee (2)
College of Pharmacy
800 Madison Avenue
Memphis, TN 3810

TEXAS
Texas Southern University (0)
School of Pharmacy
3201 Wheeler Avenue
Houston, TX 77004

University of Houston (2)
College of Pharmacy
3801 Cullen Boulevard
Houston, TX 77004

**University of Texas at Austin (2)
College of Pharmacy
Austin, TX 78712

UTAH
**University of Utah (0)
College of Pharmacy
Salt Lake City, UT 84112

VIRGINIA
**Virginia Commonwealth University (2)
Medical College of Virginia
MCV Station Box 581
Richmond, VA 23298

WASHINGTON
University of Washington (2)
School of Pharmacy, BG-20
Seattle, WA 98195

Washington State University (1)
College of Pharmacy
Pullman, WA 99164

WEST VIRGINIA
West Virginia University (2)
School of Pharmacy
Morgantown, WV 26506

WISCONSIN
University of Wisconsin (2)
School of Pharmacy
425 North Charter Street
Madison, WI 53706

WYOMING
University of Wyoming (1)
School of Pharmacy
Box 3375, University Station
Laramie, WY 82071